

# M 5.4, 35 km WNW of Giria, Venezuela

Origin Time: 2022-07-14 19:16:58 UTC (Thu 15:16:58 local)  
Location: 10.7013° N 62.5970° W Depth: 108.5 km

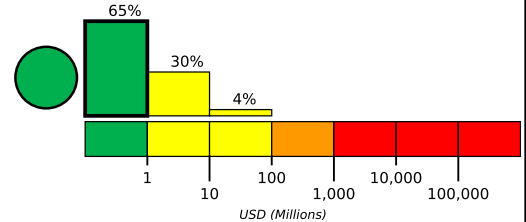
**PAGER**  
**Version 5**

Created: 2 hours, 3 minutes after earthquake

## Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

## Estimated Economic Losses

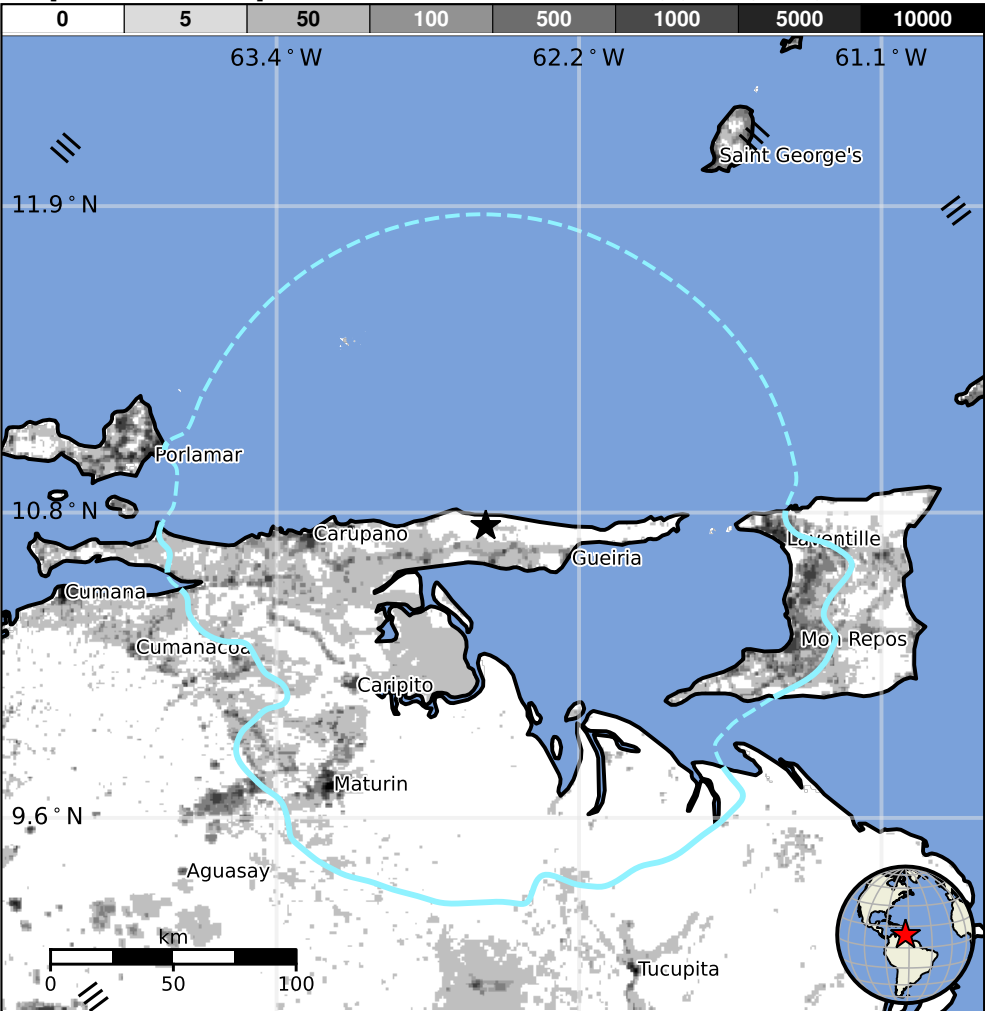


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	1,712k*	2,697k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are mud wall and informal (metal, timber, GI etc.) construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1986-06-11	37	6.2	IX(6k)	2
1974-06-12	93	6.5	IX(12k)	5
1997-07-09	105	6.9	VIII(8k)	81

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Yaguaraparo	<1k
IV	Gueiria	40k
IV	Irapa	<1k
IV	El Pilar	<1k
IV	Rio Caribe	<1k
IV	Carupano	112k
IV	Maturin	411k
IV	Chaguanas	67k
IV	Laventille	157k
IV	San Fernando	55k
III	Cumana	258k